

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: D. Brian Ballard, P.E.

GENERAL INFORMATION:

Name:	CTA Acoustics, Inc.
Address:	100 CTA Boulevard Corbin, KY 40701
Date application received:	4/30/2008
SIC Code/SIC description:	3714, Motor Vehicle Parts and Accessories (Thermal/Acoustical Insulation)
Source ID:	21-121-00062
Agency Interest:	45671
Activity:	APE20070001
Permit:	F-08-019

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM ₁₀	35	96
SO ₂	0.01	0.22
NO _x	3.3	36
CO	2.8	30
VOC	10.5	23
Single HAPs		
Formaldehyde	1.8	3.38
Phenol	8.6	17.0
Source wide HAPs	10.3	22.5

SOURCE DESCRIPTION:

The CTA Acoustics Inc. facility in Corbin, Kentucky produces fiberglass and fiber blended acoustical and thermal insulation products for the automotive and industrial markets. The facility has fiber blend and mat line capabilities. Refer to Statement of Basis for further details.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The facility is subject to source wide limits of 9.8 tons and 22.5 tons of individual and combined Hazardous Air Pollutants, respectively. Visible emissions from control devices or stacks shall not exceed 20 percent opacity. Particulate matter emissions from control devices or stacks shall not exceed 0.73 pounds per hour (3-hour average) for mold press operations and 7.3 pound per hour (3-hour average) for full or semi-cure mat insulation line operations.

OPERATIONAL FLEXIBILITY:

Emission capture and destruction efficiency testing on the facility's thermal oxidizers is not required so long as the facility does not elect to take credit for the emission control provided by this equipment. Otherwise, performance testing shall be required and shall be conducted in accordance with 401 KAR 50:045.